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PTGER1 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14962

Product Information

Application	WB
Primary Accession	P34995
Other Accession	NP_000946
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41801

Additional Information

Gene ID	5731
Alias Symbol	PTGER1,
Other Names	Prostaglandin E2 receptor EP1 subtype, PGE receptor EP1 subtype, PGE2 receptor EP1 subtype, Prostanoid EP1 receptor, PTGER1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-PTGER1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	PTGER1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

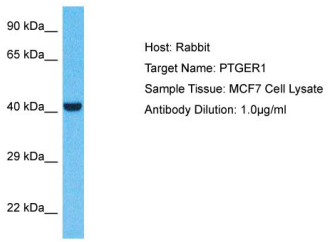
Protein Information

Name	PTGER1
Function	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(q) proteins which activate a phosphatidylinositol-calcium second messenger system. May play a role as an important modulator of renal function. Implicated the smooth muscle contractile response to PGE2 in various tissues.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Abundant in kidney. Lower level expression in lung, skeletal muscle and spleen, lowest expression in testis and not detected in liver brain and heart

References

Funk C.D.,et al.J. Biol. Chem. 268:26767-26772(1993).
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Warren C.N.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.

Images



Host: Rabbit
Target Name: PTGER1
Sample Tissue: MCF7 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.